IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/599593	Confirmation No.:	1321
Applicant	:	Dutt et al.		
Filing Date	:	October 2, 2006		
Title	:	Retargetable Instruction set Simulators		
Group Art Unit	:	2193		
Examiner	:	Wang, Jue S		
Docket No.	:	703538.4054		
Customer No.	:	34313		

Commissioner for Patents
Mail Stop Amendment
PO Box 1450
Alexandria, VA 22313-1450

Declaration of Nikil Dutt

I, Nikil Dutt, declare as follows.

1.   I am one of the named joint inventors of the above-identified application.

2.   I am also one of the authors of the paper entitled, "A Framework for Fast and Retargetable Instruction-Set Architecture", attached as Exhibit 1 to the Declaration of Mohammad H. Reshadi, and the paper entitled "ReXsim: A Retargetable Framework for Instruction-Set Architecture Simulation," attached as Exhibit 2 to the Reshadi Declaration.

3.   I am a co-author of the papers of Exhibits 1 and 2 to the Reshadi Declaration with Mohammad H. Reshadi, the only other named joint inventor, Prabhat Mishra and Nikhil Bansal. Mohammad H. Reshadi is listed as the author Mehrdad Reshadi. I, along with other colleagues of Mohammad H. Reshadi, know Mohammad H. Reshadi as Mehrdad Reshadi. According to the

Reshadi Declaration, Mehrdad is a nickname for Mohammad.

4.   Although Prabhat Mishra and Nikhil Bansal are not inventors of the subject matter described and claimed in the above identified patent application, Prabhat Mishra and Nikhil Bansal were listed as co-authors on the face of the papers of Exhibits 1 and 2 to the Reshadi Declaration because they assisted with, among other things, evaluating the techniques described therein, running experiments, and collecting data.

5.   The foregoing statements are based on my personal knowledge. All statements herein are made of my own knowledge are true and all statements made on information and belief are believed to be true. I have been warned that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001) and may jeopardize the validity of the application or any patent issuing thereon.

Dec. 21, 2010

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Nikil Dutt